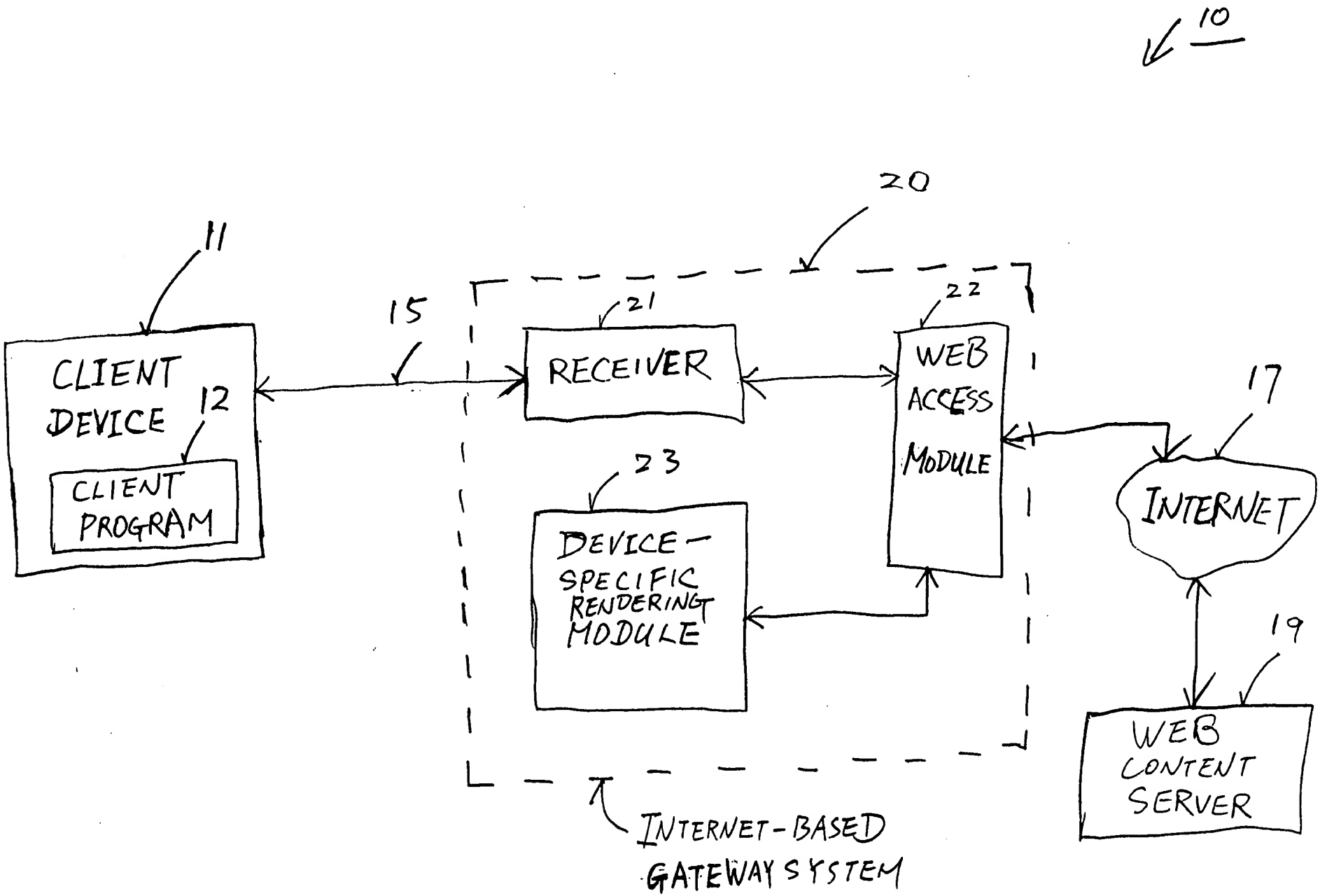
10
20
11
15
21
22
CLIENT DEVICE
12
CLIENT PROGRAM
RECEIVER
WEB ACCESS MODULE
17
23
DEVICE-SPECIFIC RENDERINGT MODULE
INTERNET
19
WEB CONTENT SERVER
INTERNET-BASED GATEWAY SYSTEM

FIGURE 1

CLIENT PROGRAM

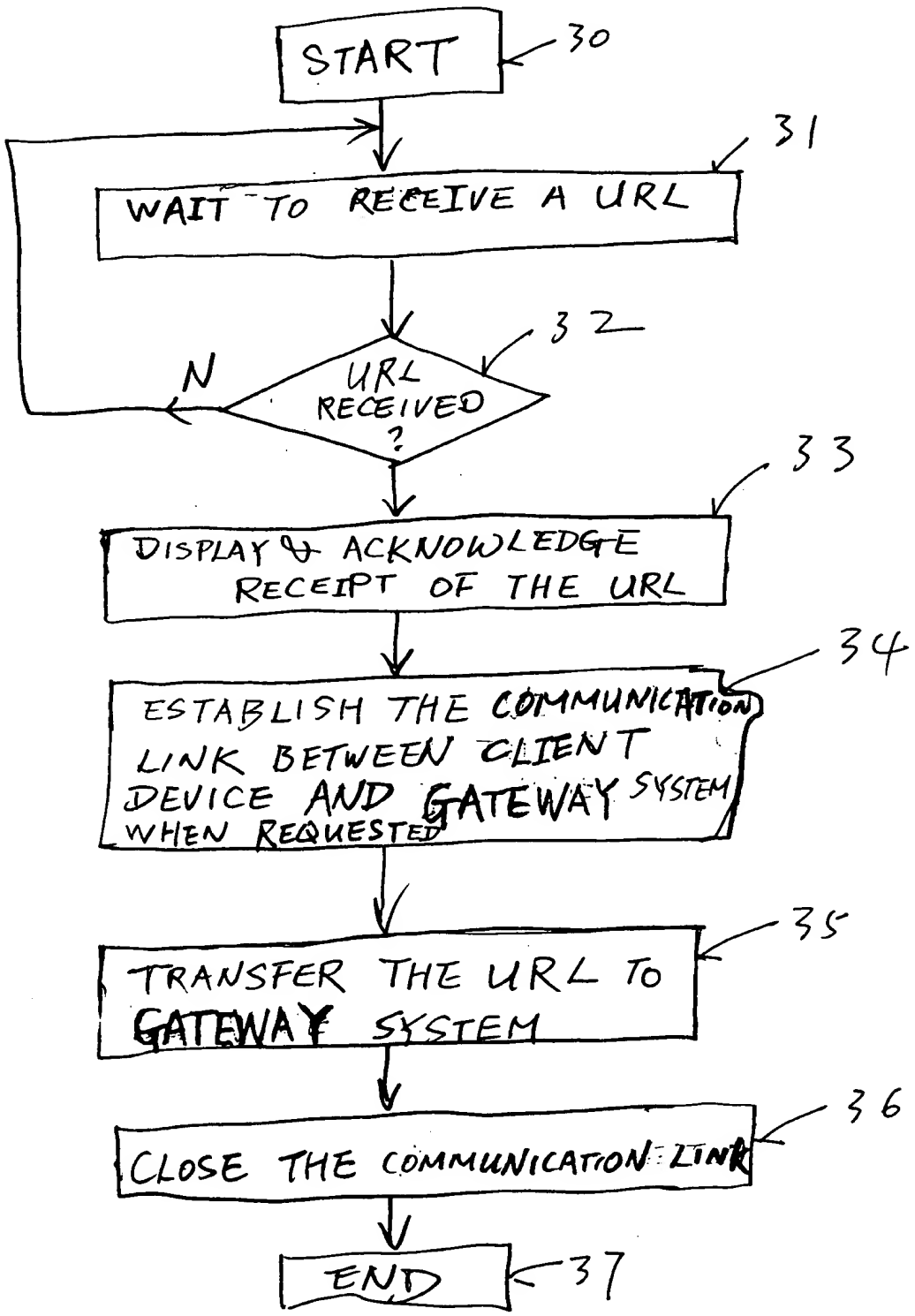

FIGURE 2

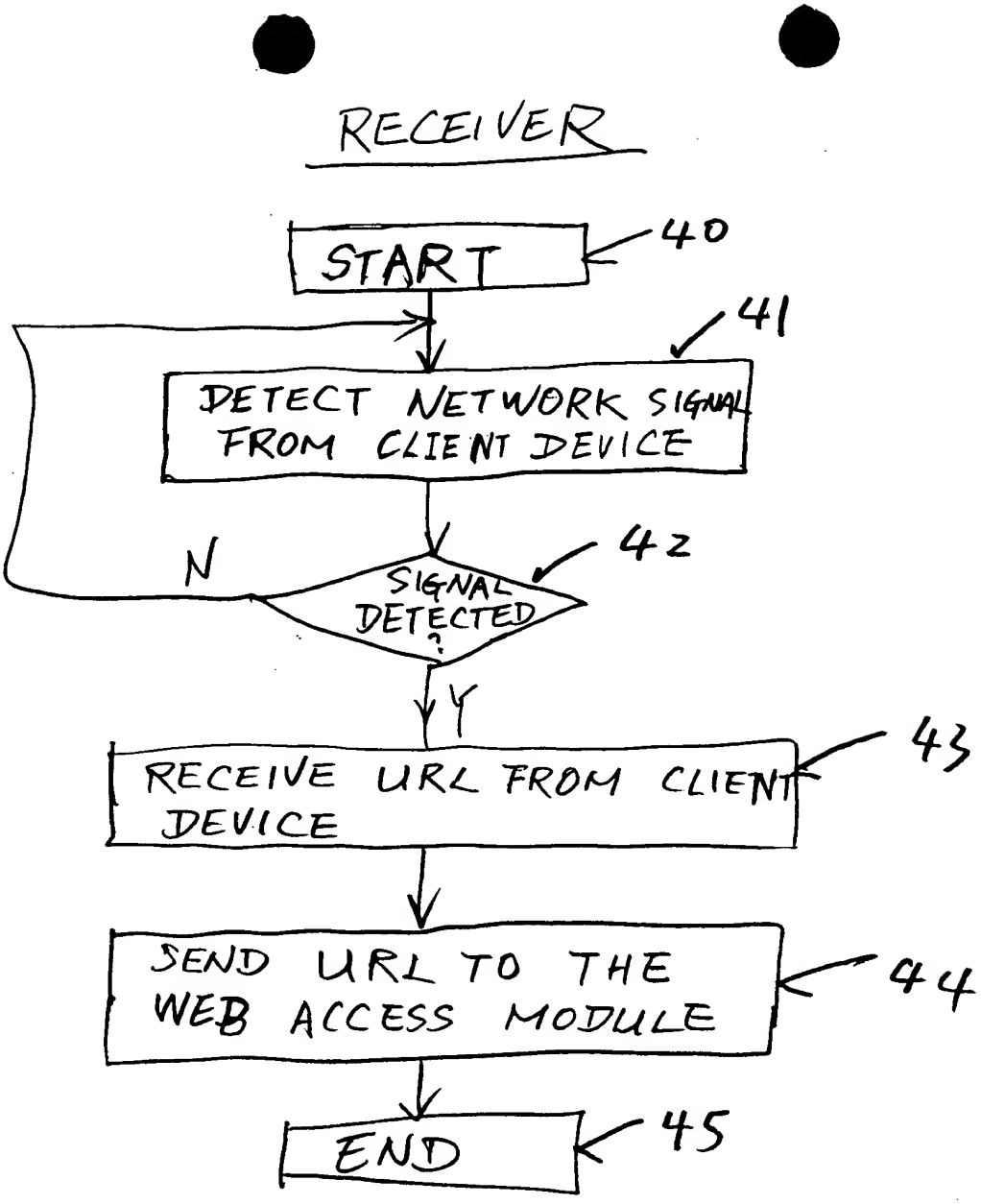
RECEIVER
START
40
41
DETECT NETWORK SIGNAL FROM CLIENT DEVICE
N
SIGNAL DETECTED ?
42
Y
RECEIVE URL FROM CLIENT DEVICE
43
SEND URL TO THE WEB ACCESS MODULE
44
END
45

FIGURE 3

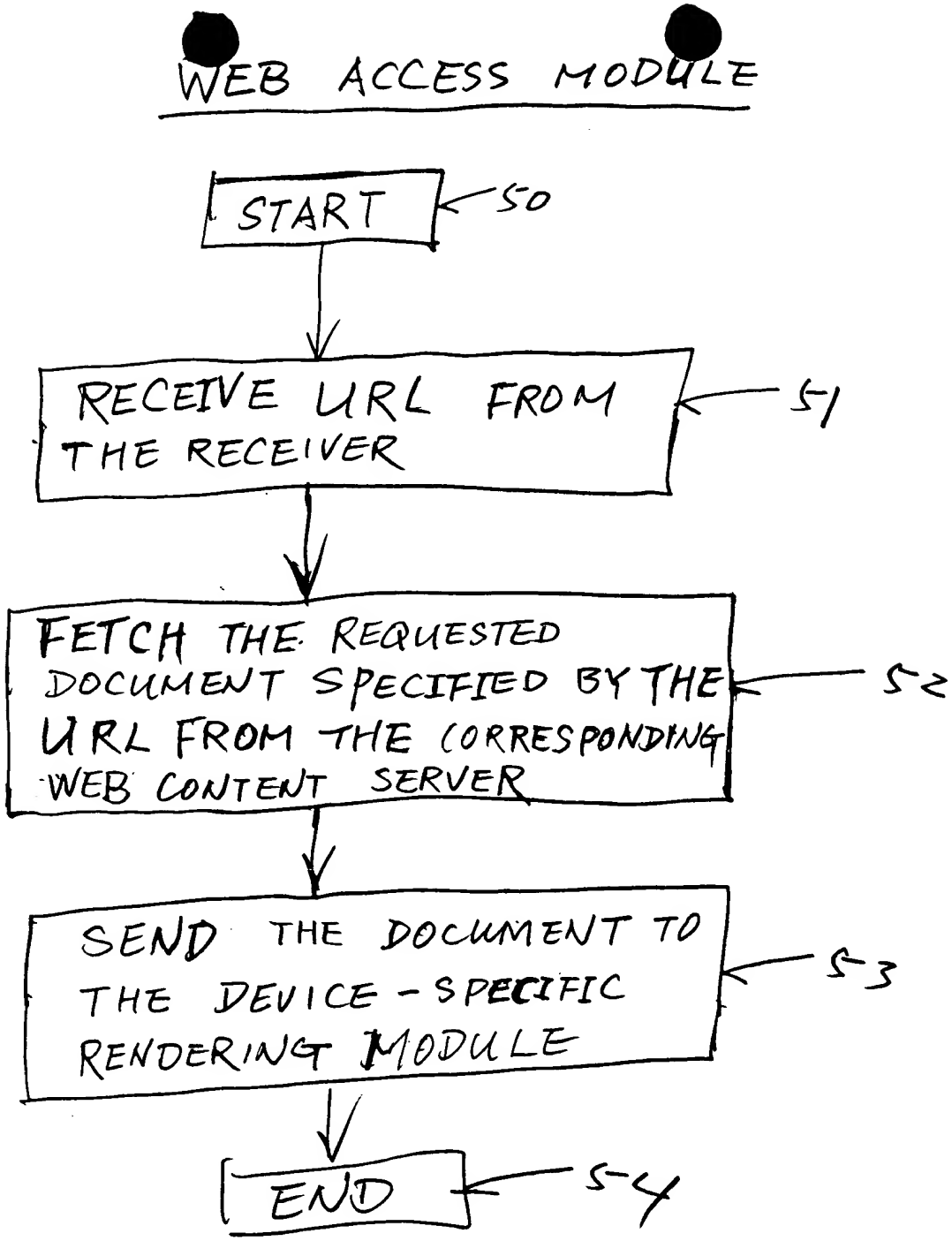
WEB ACCESS MODULE
START
50
RECEIVE URL FROM THE RECEIVER
51
FETCH THE REQUESTED DOCUMENT SPECIFIED BY THE URL FROM THE CORRESPONDING WEB CONTENT SERVER
52
SEND THE DOCUMENT TO THE DEVICE-SPECIFIC RENDERING MODULE
53
END
54

FIGURE 4

08570 "E55061.60

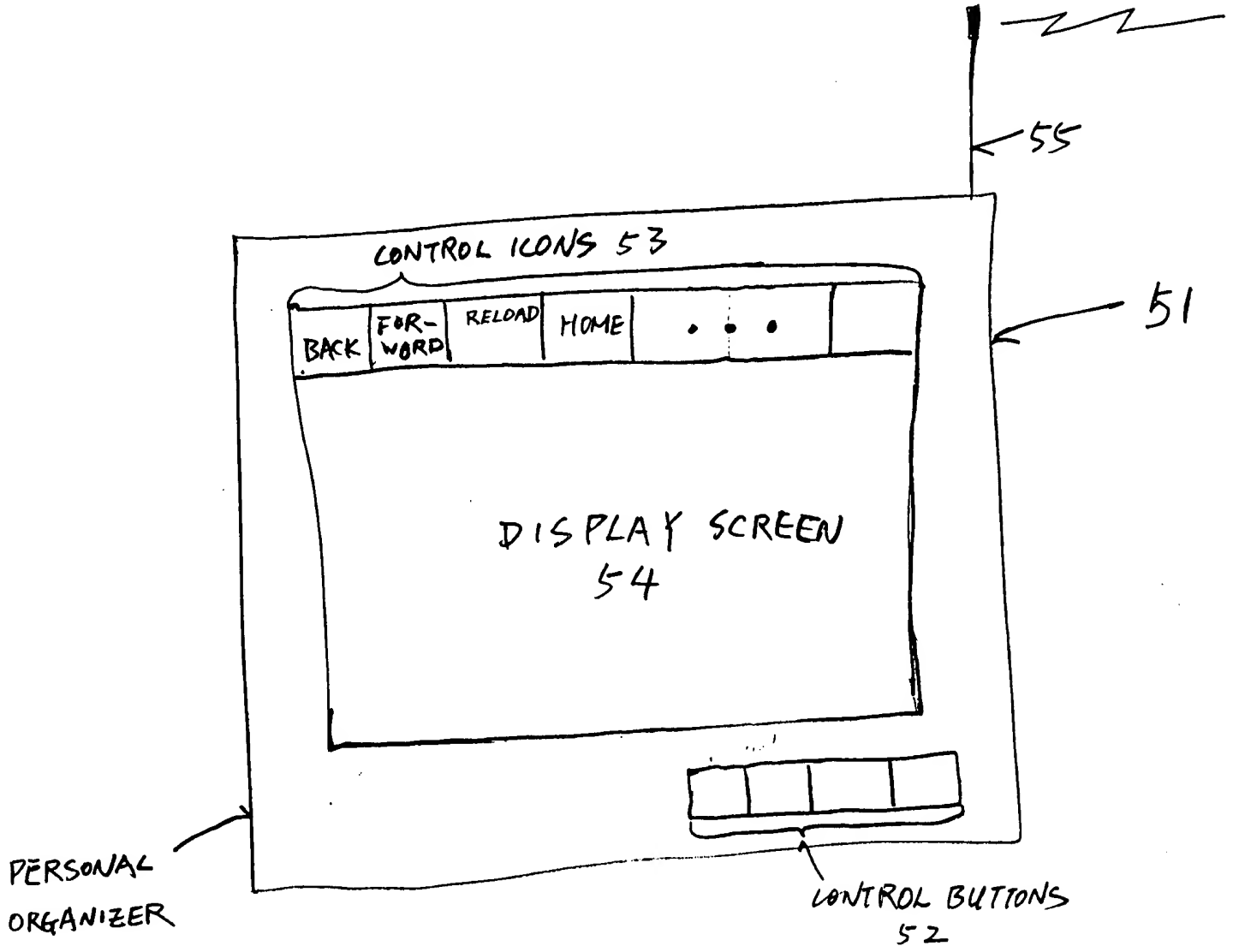

FIGURE 5.

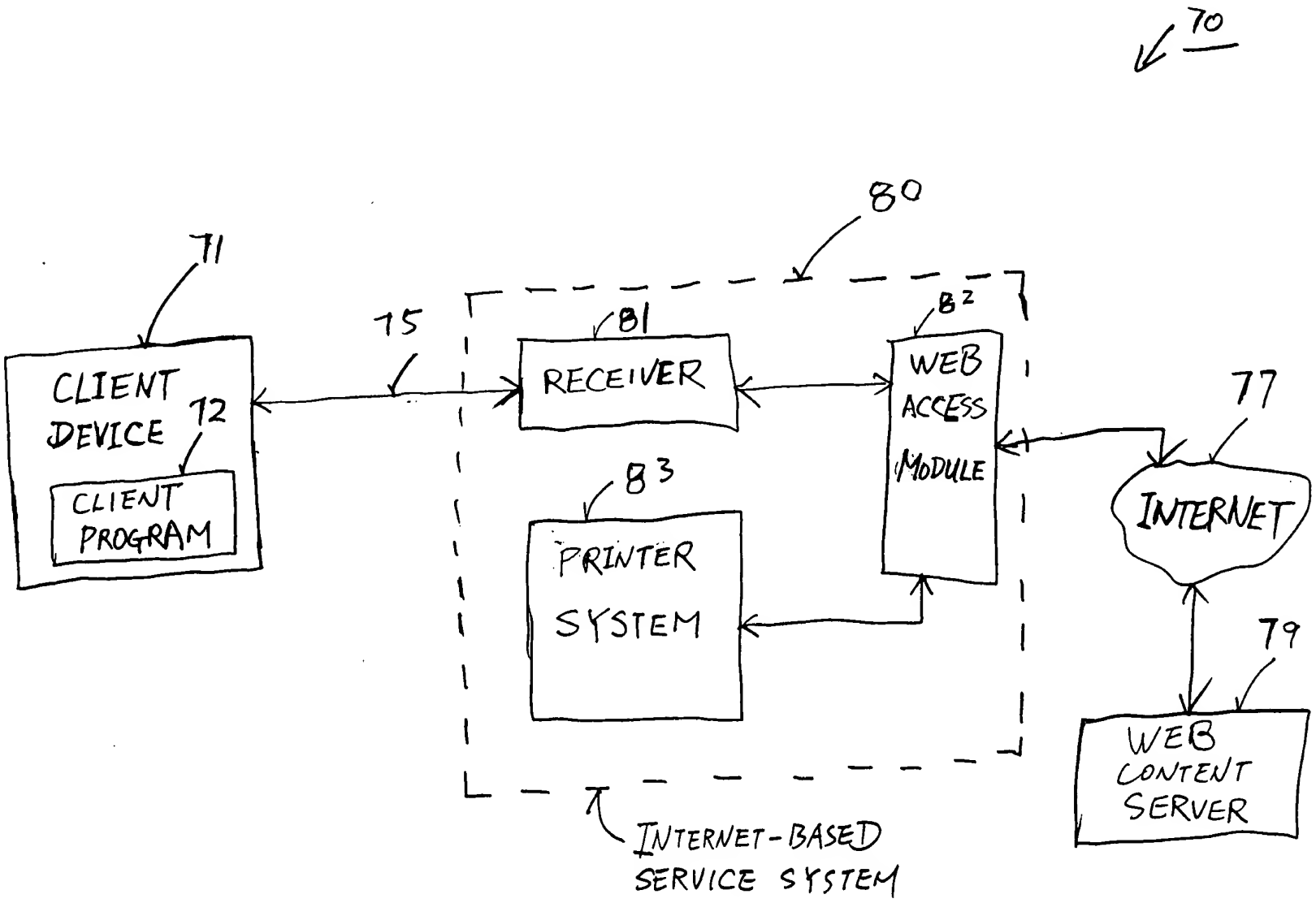
70
80
71
75
81
82
CLIENT DEVICE
72
CLIENT PROGRAM
RECEIVER
WEB ACCESS MODULE
77
83
PRINTER SYSTEM
INTERNET
79
WEB CONTENT SERVER
INTERNET-BASED SERVICE SYSTEM

FIGURE 6